

Appendix A

Search Strings

Database: Web of Science Core

Date: 8/1/2022

Results: 3538

1. TI=(soybean OR corn) OR AB=(soybean OR corn)
2. OG= (United States Department of Agriculture (USDA) OR North Dakota State University Fargo OR Texas A&M University System OR University of Maryland College Park OR Virginia Polytechnic Institute & State University OR University of Tennessee Knoxville OR Kansas State University)
3. #1 AND #2
4. #1 AND #2 and 2017 or 2018 or 2019 or 2020 or 2021 or 2022
(Publication Years)

Database: CAB Abstracts + CAB Abstracts Archive + CABI Full Text
(CAB Direct / CABI)

Date: 8/9/2022

Results: 1792

((("Kansas State University" or "University of Tennessee" or

"university of maryland" or USDA or "United States Department of Agriculture" or "Virginia Polytechnic Institute and State University" or "North Dakota State University") AND ((title:(soybean or soybeans or corn) OR ab:(soybean or soybeans or corn))) AND yr:[2017 TO 2022] AND (((sc:(("CA" OR "X0" OR "FT"))))))

Database: Scopus

Date: 8/2/2022

Results: 3588

1. AF-ID ("united states department of agriculture" 60032280) OR AF-ID ("usda agricultural marketing service" 60204063) OR AF-ID ("usda grain inspection packers and stockyards administration gipsa" 60103638) OR AF-ID ("usda animal and plant health inspection service aphs" 60091302) OR AF-ID ("usda aphs national veterinary services laboratories" 60011808) OR AF-ID ("usda aphs national wildlife research center" 60032434) OR AF-ID ("usda centers for epidemiology and animal health" 60028226) OR AF-ID ("usda farm service agency" 60204061) OR AF-ID ("usda food and nutrition service" 60204058) OR AF-ID ("usda center for nutrition policy and promotion cnpp" 60002603) OR

AF-ID ("usda food safety and inspection service" 60013095) OR
AF-ID ("usda foreign agricultural service" 60204062) OR AF-ID
("usda forest service" 60003342) OR AF-ID ("black hills
national forest" 60032384) OR AF-ID ("francis marion and
sumter national forests" 60009911) OR AF-ID ("northern region
usda forest service" 60024106) OR AF-ID ("oglala national
grassland" 60022898) OR AF-ID ("payette national forest"
60007602) OR AF-ID ("rogue river-siskiyou national forest"
60091246) OR AF-ID ("southern institute forest genetics"
60019073) OR AF-ID ("superior national forest" 60076945) OR
AF-ID ("usda ars u.s. sheep experiment station" 60001145) OR
AF-ID ("usda boise aquatic science lab" 60015313) OR AF-ID ("
usda forest products laboratory" 60008671) OR AF-ID ("usda
forest service - gallatin national forest" 60012076) OR AF-ID ("
usda forest service - kootenai national forest" 60010639) OR AF-
ID ("usda forest service - lolo national forest" 60005850) OR AF-
ID ("usda forest service - mt. hood national forest" 60091232)
OR AF-ID ("usda forest service boise national forest" 60020049)
OR AF-ID ("usda forest service bridger-teton national forest"
60011959) OR AF-ID ("usda forest service center for bottomland
hardwoods research" 60023249) OR AF-ID ("usda forest service
idaho panhandle national forests" 60022088) OR AF-ID ("usda

forest service international institute of tropical forestry" 60071509) OR AF-ID ("usda forest service kisatchie national forest" 60006631) OR AF-ID ("usda forest service la grande forestry and range sciences laboratory" 60027566) OR AF-ID ("usda forest service luquillo" 60071535) OR AF-ID ("usda forest service north central research station" 60010838) OR AF-ID ("usda forest service northeastern research station morgantown" 60075868) OR AF-ID ("usda forest service northeastern research station parsons" 60009224) OR AF-ID ("usda forest service timber watershed lab" 60018068) OR AF-ID ("usda forest service northern research station" 60016539) OR AF-ID ("usda forest service ouachita national forest" 60022541) OR AF-ID ("usda forest service pacific northwest research station" 60003518) OR AF-ID ("usda ars corvallis forestry sciences laboratory" 60007901) OR AF-ID ("usda forest service pacific southwest research station" 60002418) OR AF-ID ("usda forest service palmer" 60071536) OR AF-ID ("usda forest service rocky mountain research station" 60002722) OR AF-ID ("albuquerque forestry sciences laboratory" 60026308) OR AF-ID ("usda ars moscow forestry sciences lab" 60010372) OR AF-ID ("usda ars rocky mountain research station" 60022772) OR AF-ID ("usda forest service aldo leopold wilderness research institute" 60007681) OR AF-ID ("usda forest service forestry

science lab" 60013275) OR AF-ID ("usda ars rocky mountain research station - flagstaff lab" 60007849) OR AF-ID ("usda ars rocky mountain research station laramie" 60001243) OR AF-ID ("usda forest service boise aquatic sciences lab" 60025189) OR AF-ID ("usda forest service rmrs shrub sciences laboratory" 60003956) OR AF-ID ("usda forest service utilization of southern forest resources" 60002110) OR AF-ID ("usda national agroforestry center" 60090887) OR AF-ID ("usda natural resources conservation service" 60204083) OR AF-ID ("usda research education, and economics" 60204066) OR AF-ID ("usda agricultural research service" 60001989) OR AF-ID ("animal welfare science centre" 60119229) OR AF-ID ("eastern oregon agricultural research center" 60029223) OR AF-ID ("north atlantic area naa" 60021683) OR AF-ID ("usda ars appalachian farming systems research center" 60022061) OR AF-ID ("usda ars appalachian fruit research station" 60030463) OR AF-ID ("usda ars beneficial insects introduction research unit" 60014987) OR AF-ID ("usda ars eastern regional research center" 60008528) OR AF-ID ("usda ars foreign disease-weed science research unit" 60103775) OR AF-ID ("usda ars national center for cool and cold water aquaculture" 60001609) OR AF-ID ("usda ars plum island animal disease center" 60006914) OR AF-ID ("usda ars robert w.

holley center for agriculture and health" 60086585) OR AF-ID ("southwest watershed research center" 60110412) OR AF-ID ("usda agricultural research service - lincoln nebraska" 60076225) OR AF-ID ("usda agricultural research service cereal disease laboratory" 60092179) OR AF-ID ("usda agricultural research service gainesville" 60103678) OR AF-ID ("usda agricultural research service reno" 60011594) OR AF-ID ("usda agricultural research service stoneville" 60103675) OR AF-ID ("usda ars application and production technology research unit" 60029297) OR AF-ID ("usda ars aquatic animal health research laboratory" 60103650) OR AF-ID ("usda ars arthropod-borne animal diseases research laboratory" 60010048) OR AF-ID ("usda ars avian disease and oncology laboratory" 60025549) OR AF-ID ("usda ars beltsville agricultural research center" 60000635) OR AF-ID ("usda ars beltsville human nutrition research center" 60020010) OR AF-ID ("usda ars carl hayden bee research center" 60010621) OR AF-ID ("usda ars center for grain and animal health research" 60090934) OR AF-ID ("usda ars children's nutrition research center" 60008135) OR AF-ID ("usda ars coastal plains soil water, and plant research center" 60003922) OR AF-ID ("usda ars conservation and production research laboratory" 60103651) OR AF-ID ("usda ars corn host plant resistance research unit"

60003888) OR AF-ID ("usda ars corvallis" 60026203) OR AF-ID ("usda ars forage seed and cereal research unit" 60010741) OR AF-ID ("usda ars horticultural crops research unit" 60029237) OR AF-ID ("usda ars national clonal germplasm repository" 60029951) OR AF-ID ("usda ars cotton quality research station" 60000807) OR AF-ID ("usda ars crop science research laboratory" 60005864) OR AF-ID ("usda ars dale bumpers national rice research center" 60001518) OR AF-ID ("usda ars dale bumpers small farms research center" 60013741) OR AF-ID ("usda ars forage and range research laboratory" 60103648) OR AF-ID ("usda ars fort keogh livestock and range research laboratory" 60016024) OR AF-ID ("usda ars grand forks human nutrition research center" 60006180) OR AF-ID ("usda ars grazinglands research laboratory" 60022218) OR AF-ID ("usda ars harry k. dupree stuttgart national aquaculture research center" 60025724) OR AF-ID ("usda ars high plains grasslands research station" 60017210) OR AF-ID ("usda ars honey bee breeding genetics & physiology research laboratory" 60026143) OR AF-ID ("usda ars invasive plant research laboratory" 60103649) OR AF-ID ("usda ars kika de la garza subtropical agricultural research center" 60024862) OR AF-ID ("usda ars mid south area" 60023830) OR AF-ID ("usda ars natural products utilization

research unit" 60005305) OR AF-ID ("usda ars n. grain insects
research lab." 60013351) OR AF-ID ("usda ars national animal
disease center" 60023722) OR AF-ID ("usda ars national center
for agricultural utilization research" 60027678) OR AF-ID ("usda
ars national center for genetic resources preservation" 60103685)
OR AF-ID ("usda ars national peanut research laboratory"
60103646) OR AF-ID ("usda ars national sedimentation
laboratory" 60030965) OR AF-ID ("usda ars national soil erosion
research laboratory" 60103048) OR AF-ID ("usda ars north
central agricultural research laboratory" 60090910) OR AF-ID ("
usda ars northern plains agricultural research laboratory"
60011435) OR AF-ID ("usda ars northwest irrigation and soils
research laboratory" 60018907) OR AF-ID ("usda ars northwest
watershed research center" 60018268) OR AF-ID ("usda ars
poisonous plant research laboratory" 60017654) OR AF-ID ("
usda ars poultry production and product safety research unit"
60030366) OR AF-ID ("usda ars poultry research unit" 60032832
) OR AF-ID ("usda ars pullman" 60001963) OR AF-ID ("usda
ars red river valley agricultural research center" 60028521) OR
AF-ID ("usda ars roman l. hruska u.s. meat animal research
center" 60019986) OR AF-ID ("usda ars russell research center
rrc" 60026715) OR AF-ID ("usda ars salinity laboratory"

60023624) OR AF-ID ("usda ars small grains and potato
germplasm research unit" 60014998) OR AF-ID ("usda ars soil
and water research" 60020199) OR AF-ID ("usda ars soil
drainage research unit" 60103652) OR AF-ID ("usda ars
southeast watershed research laboratory" 60103647) OR AF-ID (
"usda ars southern plains agricultural research center" 60028657)
OR AF-ID ("usda ars southern regional research center" 60025292
) OR AF-ID ("usda ars sugarcane research unit" 60031032) OR
AF-ID ("usda ars stillwater" 60013171) OR AF-ID ("usda ars
subtropical agricultural research station" 60083179) OR AF-ID ("usda
ars sugarbeet research unit" 60019520) OR AF-ID ("usda
ars thad cochran southern horticulture laboratory" 60001283) OR
AF-ID ("usda ars u.s. arid-land agricultural research center"
60021335) OR AF-ID ("usda ars us water conservation lab"
60004653) OR AF-ID ("usda ars u.s. dairy forage research
center" 60026170) OR AF-ID ("usda ars u.s. horticultural
research laboratory" 60000878) OR AF-ID ("usda ars u.s.
vegetable laboratory" 60011043) OR AF-ID ("usda ars veterinary
toxicology and entomology research laboratory" 60008574) OR
AF-ID ("usda ars western regional research center wrrc"
60022600) OR AF-ID ("usda mayaguez" 60071534) OR AF-ID ("usda
plant gene expression center" 60004014) OR AF-ID ("usda

economic research service" 60032935) OR AF-ID ("usda national agricultural statistics service" 60204064) OR AF-ID ("usda national institute of food and agriculture" 60204065) OR AF-ID ("usda risk management agency" 60204057) OR AF-ID ("usda rural development" 60204081) OR AF-ID ("usda rural business-cooperative service" 60204059) OR AF-ID ("usda rural housing service" 60204056) OR AF-ID ("usda rural utilities service" 60204060) AND (LIMIT-TO (PUBYEAR , 2022) OR LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR , 2019) OR LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR , 2017))

2. AF-ID ("north dakota state university" 60032270) OR AF-ID ("north dakota agricultural experiment station" 60029827) OR AF-ID ("langdon research extension center" 60026355) OR AF-ID ("north central research extension center" 60016955) OR AF-ID ("williston research extension center" 60017683) OR AF-ID ("north dakota state university college of agriculture food systems and natural resources" 60013073) OR AF-ID ("north dakota state university college of pharmacy nursing and allied sciences" 60023132) AND (LIMIT-TO (PUBYEAR , 2022) OR LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR , 2019) OR LIMIT-TO (PUBYEAR ,

2018) OR LIMIT-TO (PUBYEAR , 2017))

3. AF-ID ("texas a&m university" 60020547) OR AF-ID ("center for large-scale scientific simulations" 60138970) OR AF-ID ("center for nuclear security science and policy initiatives" 60138948) OR AF-ID ("institute for applied mathematics and computational science" 60138964) OR AF-ID ("institute for national security and cybersecurity education and research" 60138968) OR AF-ID ("mays business school" 60138449) OR AF-ID ("offshore technology research center" 60138947) OR AF-ID ("texas a and m health science center" 60028671) OR AF-ID ("texas a&m college of dentistry" 60027347) OR AF-ID ("texas a&m college of veterinary medicine & biomedical sciences" 60120610) OR AF-ID ("texas a&m veterinary medical teaching hospital" 60138450) OR AF-ID ("texas a&m university at qatar" 60072753) OR AF-ID ("texas a&m university college of medicine" 60102356) OR AF-ID ("institute for regenerative medicine" 60138966) OR AF-ID ("texas engineering experiment station" 60081112) OR AF-ID ("center for large-scale scientific simulations" 60138970) OR AF-ID ("center for nuclear security science and policy initiatives" 60138948) OR AF-ID ("institute for national security and cybersecurity education and research" 60138968) OR AF-ID (

"texas transportation institute" 60023745) OR AF-ID ("texas water resources institute" 60138946) OR AF-ID ("the agricultural and food policy center" 60138965) AND (LIMIT-TO (PUBYEAR , 2022) OR LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR , 2019) OR LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR , 2017))

4. AF-ID ("university of maryland college park" 60020304) OR AF-ID ("a. james clark school of engineering" 60078684) OR AF-ID ("institute for bioscience and biotechnology research" 60138462) OR AF-ID ("maryland institute for technology in the humanities" 60077452) OR AF-ID ("national socio-environmental synthesis center sesync" 60151531) OR AF-ID ("robert h. smith school of business" 60097292) OR AF-ID ("university of maryland school of public health" 60027436) AND (LIMIT-TO (PUBYEAR , 2022) OR LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR , 2019) OR LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR , 2017))
5. AF-ID ("virginia polytechnic institute and state university" 60027090) OR AF-ID ("biocomplexity institute of virginia tech" 60005547) OR AF-ID ("virginia tech carilion school of medicine"

60138707) OR AF-ID ("virginia tech transportation institute"
60157364) OR AF-ID ("virginia tech fralin life science institute"
60024456) OR AF-ID ("virginia tech northern virginia center"
60032766) OR AF-ID ("virginia tech pamplin college of
business" 60019299) AND (LIMIT-TO (PUBYEAR , 2022) OR
LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (PUBYEAR ,
2020) OR LIMIT-TO (PUBYEAR , 2019) OR LIMIT-TO (
PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR , 2017))

6. AF-ID ("the university of tennessee knoxville" 60015574) OR
AF-ID ("center for ultra-wide-area resilient electric energy
transmission networks" 60138915) OR AF-ID ("center of
excellence for radioactive ion beam studies for stewardship
science" 60120813) OR AF-ID ("haslam college of business"
60116456) OR AF-ID ("joint institute for advanced materials"
60138916) OR AF-ID ("national institute for mathematical and
biological synthesis" 60138919) OR AF-ID ("shull wollan center:
a joint institute for neutron sciences" 60138917) OR AF-ID ("the
joint institute for computational sciences" 60138924) OR AF-ID (
"the national institute for computational sciences" 60138920) OR
AF-ID ("university of tennessee libraries" 60018960) OR AF-ID (
"university of tennessee knoxville college of nursing" 60032656)
OR AF-ID ("vine school health center" 60138922) AND (LIMIT-

TO (PUBYEAR , 2022) OR LIMIT-TO (PUBYEAR , 2021) OR
LIMIT-TO (PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR ,
2019) OR LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (
PUBYEAR , 2017))

7. AF-ID ("kansas state university" 60000689) OR AF-ID ("college
of business administration" 60138813) OR AF-ID ("k-state
libraries" 60011421) OR AF-ID ("k-state research and extension"
60001740) OR AF-ID ("western kansas agricultural research
centers" 60008481) OR AF-ID ("northwest research-extension
center" 60032242) OR AF-ID ("southwest research-extension
center" 60019803) OR AF-ID ("kansas state university
polytechnic campus" 60018348) AND (LIMIT-TO (PUBYEAR ,
2022) OR LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (
PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR , 2019) OR
LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR ,
2017))
8. TITLE-ABS (soybean OR corn) AND (LIMIT-TO (PUBYEAR ,
2022) OR LIMIT-TO (PUBYEAR , 2021) OR LIMIT-TO (
PUBYEAR , 2020) OR LIMIT-TO (PUBYEAR , 2019) OR
LIMIT-TO (PUBYEAR , 2018) OR LIMIT-TO (PUBYEAR ,
2017))
9. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7

10. #8 AND #9