

Testimony of Joe Bisogno, Think Animals
In Support of SB 263
Before the House Agriculture Committee
March 14, 2018

Industrial Hemp Is Not Pot - But It Is A Pot Of Gold For Kansas

I care about Kansas. I want our state to succeed and I think allowing our farmers to grow industrial hemp is an important way to do that. I'm a businessman and have been involved successfully in entrepreneurial pursuits for many years. One of those businesses is Think Animals, which creates all-natural products designed to improve the health and well-being of livestock, pets and wildlife.

I see a real market for industrial hemp and think Kansas should quickly take part.

Let me provide some facts about industrial hemp. First, as the headline says, industrial hemp is not pot or marijuana. I have no interest in pot. The industrial hemp industry is projected to exceed \$1.8 billion in sales for 2018. Industrial hemp allows manufacturing of more than 25,000 different products.

Industrial hemp plants need half the water of a typical wheat crop and can provide four times the profit of wheat. Kansas has many thousands of acres that can be cultivated, where as Kentucky has just 12,000 acres being cultivated in 2018. We can lead the nation in industrial hemp production and commerce.

Today the younger generation is likely to go to college and not return to their family farms, due to the fact there are few jobs and money to be made. Hemp farming will allow our communities to create commerce in many ways. We can also leverage the benefits of the Kansas City Animal Health Corridor, helping our farm and ranching communities.

Hemp oil has been shown to be a natural pain reliever, and it helps with quitting smoking and with getting off opiates. It has also been shown to help aid in epilepsy and other mental diseases. Other benefits include:

- helps fight cancer
- helps with PTSD and other anxiety disorders
- reduced inflammation, improved brain function

- helps lower blood pressure, cholesterol, strokes
- help lower the chance of heart disease
- helps with autism

Kansas can develop many manufacturing facilities to process products like horse stall bedding, kitty litter, hempcrete, paper and many more. Industrial hemp will create high paying jobs and state revenue we need.

Attached are some amendments that clarify the spirit and intent of the bill. I urge the committee to support the amendments and passage of SB 263.

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1 ~~(8)~~~~(6)~~ "Seed research" means research conducted to develop or
2 recreate better strains of industrial hemp, particularly for the purpose of
3 seed production.

4 ~~(6)~~ ~~(9)~~~~(7)~~ "State educational institution" means the university of
5 Kansas, Kansas state university, Wichita state university, Emporia state
6 university, Pittsburg state university and Fort Hays state university.

7 ~~(7)~~ "Tetrahydrocannabinol" or "THC" means the natural or synthetic
8 equivalents of the substances contained in the plant or in the resinous
9 extractives of cannabis or any synthetic substances, compounds, salts or
10 derivatives of the plant or chemicals and their isomers with similar
11 chemical structure and pharmacological activity.

12 New Sec. 2. (a) The department, alone or in coordination with a state
13 educational institution ~~or any grower~~, may cultivate industrial hemp
14 grown from certified seed and promote the research and development of
15 industrial hemp. This research may include:

The department may contract with individuals and organizations, subject to the provisions of this section, to grow industrial hemp and sell hemp products to assist the department with the research required under this act.

16 (1) Oversight and analysis of growth of industrial hemp to conduct
17 agronomy research and analysis of required soils, growing conditions and
18 harvest methods relating to the production of various varieties of industrial
19 hemp that may be suitable for various commercial hemp products;

20 (2) seed research on various types of industrial hemp that are best
21 suited to be grown in Kansas, including seed availability, creation of
22 hybrid types, in-the-ground variety trials and seed production;

23 (3) analysis on the economic feasibility of developing an industrial
24 hemp market in various types of industrial hemp that can be grown in
25 Kansas;

, including the sale of industrial hemp and hemp products,

26 (4) analysis on the estimated value-added benefits, including
27 environmental benefits, that Kansas businesses would reap by having an
28 industrial hemp market of Kansas-grown industrial hemp varieties;

29 (5) a study on the agronomy research conducted worldwide relating
30 to industrial hemp varieties, production and utilization; ~~and~~

31 (6) a study on the feasibility of attracting federal and private funding
32 for industrial hemp research; ~~and~~

33 (7) *a pilot program in Russell county for the purpose of economic
34 development and market research of industrial hemp and industrial
35 hemp products.*

, or other counties as determined by the department,

36 (b) *The department shall oversee and annually license all persons
37 {individuals} participating in the cultivation, growth, research, oversight,
38 study, analysis or transportation of certified seed or industrial hemp
39 pursuant to this act.*

sale,

or hemp products

40 (c) (1) *The department shall require, as a qualification for initial or
41 continuing licensure, all persons {individuals} seeking a license or
42 license renewal under this act to be fingerprinted and to submit to a state
43 and national criminal history record check. The fingerprints shall be*

1 used to identify the ~~person~~ {individual} and to determine whether the
2 ~~person~~ {individual} has a record of criminal history in this state or any
3 other jurisdiction. The department is authorized to submit the
4 fingerprints to the Kansas bureau of investigation and the federal
5 bureau of investigation for a state and national criminal history record
6 check. The department may use the information obtained from
7 fingerprinting and the criminal history record check for purposes of
8 verifying the identification of the ~~person~~ {individual} and for making an
9 official determination of the qualifications for initial or continuing
10 licensure pursuant to this act and rules and regulations promulgated
11 pursuant to this act. Disclosure or use of any information received by
12 the department for any purpose other than the purpose provided for in
13 this section shall be a class A misdemeanor and shall constitute grounds
14 for removal from office or termination of employment.

15 (2) ~~A person~~ {An individual} who has been convicted of any of the
16 following shall be disqualified from initial or continuing licensure under
17 this act: A felony violation of article 57 of chapter 21 of the Kansas
18 Statutes Annotated, and amendments thereto, K.S.A. 2010 Supp. 21-
19 36a01 through 21-36a17, prior to their transfer, or any felony violation
20 of any provision of the uniform controlled substances act, prior to July
21 1, 2009.

22 (3) The Kansas bureau of investigation may charge a reasonable
23 fee for conducting a criminal history record check.

24 (4) The applicant shall pay the costs of fingerprinting and the state
25 and national criminal history record check.

26 ~~(b)(d)~~ The secretary of agriculture shall ~~have the authority to~~
27 promulgate rules and regulations to carry out the provisions of the
28 alternative crop research act on or before December 31, 2018. Such rules
29 and regulations shall include, but not be limited to, a requirement that
30 license holders shall have a current license in their possession at all
31 times that they are engaged in cultivation, growth, research, oversight,
32 study, analysis or transportation of certified seed or industrial hemp
33 pursuant to this act.

34 (e) The department shall submit a report to the legislature outlining
35 the steps and timeline to implement a process that would allow ~~persons~~
36 {individuals and business entities} to grow and process industrial hemp
37 in Kansas and to sell industrial hemp in other states. Such report shall
38 be submitted to the ~~senate~~ standing committee on agriculture and
39 natural resources on or before January 14, 2019.

40 ~~(e)(f)~~ Nothing in the alternative crop research act shall be construed
41 to authorize any ~~person~~ {individual} to violate any state or federal law.

42 {Sec. 3. K.S.A. 2017 Supp. 21-5701 is hereby amended to read as
43 follows: 21-5701. As used in K.S.A. 2017 Supp. 21-5701 through 21-

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house standing committee on agriculture and the

The department may charge a reasonable fee for licenses to recover all or part of its costs to license individuals under this act.
(g)

1 *morpholinyl)ethyl, 1-(N-methyl-2-pyrrolidinyl)methyl, 1-(N-*
2 *methyl-3-morpholinyl)methyl, or tetrahydropyranylmethyl group,*
3 *whether or not further substituted in the indole ring to any extent*
4 *and whether or not substituted in the benzyl or*
5 *tetramethylcyclopropyl rings to any extent.*

6 **(12) Indole-3-carboxylate esters**

7 *Any compound containing a 1H-indole-3-carboxylate ester*
8 *structure with the ester oxygen bearing a naphthyl, quinolinyl,*
9 *isoquinolinyl or adamantyl group and substitution at the 1 position*
10 *of the indole ring by an alkyl, haloalkyl, alkenyl, cycloalkylmethyl,*
11 *cycloalkylethyl, benzyl, N-methyl-2-piperidinylmethyl or 2-(4-*
12 *morpholinyl)ethyl group, whether or not further substituted on the*
13 *indole ring to any extent and whether or not substituted on the*
14 *naphthyl, quinolinyl, isoquinolinyl, adamantyl or benzyl groups to*
15 *any extent.*

16 **(13) Indazole-3-carboxamides**

17 *Any compound containing a 1H-indazole-3-carboxamide structure*
18 *with substitution at the nitrogen of the carboxamide by a naphthyl,*
19 *quinolinyl, isoquinolinyl, adamantyl, 1-amino-1-oxoalkan-2-yl or*
20 *1-alkoxy-1-oxoalkan-2-yl group and substitution at the 1 position*
21 *of the indazole ring by an alkyl, haloalkyl, alkenyl,*
22 *cycloalkylmethyl, cycloalkylethyl, benzyl, N-methyl-2-*
23 *piperidinylmethyl, or 2-(4-morpholinyl)ethyl group, whether or not*
24 *further substituted on the indazole ring to any extent and whether*
25 *or not substituted on the naphthyl, quinolinyl, isoquinolinyl,*
26 *adamantyl, 1-amino-1-oxoalkan-2-yl, 1-alkoxy-1-oxoalkan-2-yl or*
27 *benzyl groups to any extent.*

28 **(14) (1H-indazol-3-yl)methanones**

29 *Any compound containing a (1H-indazol-3-yl)methanone structure*
30 *with the carbonyl carbon bearing a naphthyl group and*
31 *substitution at the 1 position of the indazole ring by an alkyl,*
32 *haloalkyl, alkenyl, cycloalkylmethyl, cycloalkylethyl, benzyl, N-*
33 *methyl-2-piperidinylmethyl, or 2-(4-morpholinyl)ethyl group,*
34 *whether or not further substituted on the indazole ring to any*
35 *extent and whether or not substituted on the naphthyl or benzyl*
36 *groups to any extent.}*

37 ~~Sec.-4. {7.} K.S.A. 2017 Supp. {21-5701,} 21-5702-is{, 65-4101 and~~
38 ~~65-4105 are} hereby repealed.~~

39 ~~Sec.-5. {8.} This act shall take effect and be in force from and after its~~
40 ~~publication in the statute book.~~