## Readability (Writing)

Dan Wixted
Cornell Cooperative
Extension
Pesticide Safety
Education Program


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We will issue to Maxim Group LLC, the representative of the several underwriters, or the Representative, upon the closing of this offering, compensation warrants, or the representative's warrants, entitling the Representative to purchase shares of common stock, representing $5.0 \%$ of the aggregate number of shares of common stock issued in this offering, including any shares issued pursuant to the exercise of the underwriters' overallotment option, at an exercise price per share equal to $115 \%$ of the initial public offering price per share. The representative's warrants may be exercised on a cash or cashless basis.

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There are no criteria or provisions set forth in FIFRA defining the practice of a non-certified person engaged in the application of pesticides while under the direct supervision of a certified pesticide applicator. Many states have defined this activity by statute, regulation, or policy, and some states have established certain limits with regard to the direct supervision of pesticide applications. The criteria or requirements defining direct supervision differ substantially among states. CTAG surveyed pesticide regulatory programs to determine, in the programs where direct supervision of pesticide applications is not prohibited, the scope and criteria defining the direct supervision of non-licensed/noncertified pesticide applicators by licensed/certified pesticide applicators. While the results of the survey indicate a variety of interpretations of direct supervision, there were some noteworthy trends among the responses of the participating 46 state programs.

FIFRA defines "under the direct supervision of a certified applicator," but provides little guidance on what is needed to comply with it. CTAG surveyed state lead agencies as to whether and how they define and/or place limits on this practice. Responses from 46 states varied greatly, but showed some noteworthy trends.

## Readability: Statistics



## Readability: Statistics



## Readability: Statistics



## Readability: Statistics

 direct supervision, there were some noteworthy trends among the responses of the participating 46 state programs.

## Readability: Statistics

## Counts

Words 136
Characters 844
Paragraphs 1
Sentences 5
Averages
Sentences per Paragraph 5.0
Words per Sentence 27.2
Characters per Word 6.1
Readability
Flesch Reading Ease 1.9
Flesch-Kincaid Grade Level 19.7

## Counts

Words 136

Sentences 5

## Averages

Sentences per Paragraph 5
Words per Sentence 27.2
Characters per Word 6.1
Readability
Flesch Reading Ease 1.9

Flesch-Kincaid Grade Level 19.7

## Counts

| Words | 136 | 52 |
| :--- | :---: | :---: |
| Sentences | 5 | 3 |
| Averages |  |  |
| Sentences per Paragraph | 27.2 | 3 |
| Words per Sentence | 6.1 | 5.0 |
| Characters per Word |  |  |
| Readability | 1.9 | 52.5 |
| Flesch Reading Ease | 19.7 | 10.2 |
| Flesch-Kincaid Grade Level |  |  |

## Emphasis on Simplicity

## Emphasis-on-Simplicity

Keep It Simple
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## Avoid "Nouning" Verbs

Aka "nominalization" or "smothered verbs"
Greatest barriers to comprehending what you read:
\# 1: Difficult vocabulary
\#2: "Nouning" of verbs

## Avoid "Nouning" Verbs

"Pesticide waste minimization and disposal practices"

## Avoid "Nouning" Verbs

"Pesticide waste minimization and disposal practices"
vs
"How to reduce and dispose of pesticide waste"

## Avoid "Nouning" Verbs

"Pesticide waste minimization and disposal practices"

VS
"How to reduce and dispose of pesticide waste"

## Avoid "Nouning" Verbs

"The leaching of pesticides through soil can result in contamination of groundwater."

VS
"Pesticides that leach through soil can contaminate groundwater."

## Avoid "Nouning" Verbs

"The leaching of pesticides through soil can result in contamination of groundwater."

VS
"Pesticides that leach through soil can contaminate groundwater."

## Passive Sense vs Active Sense

## Passive Sense

Subject is acted upon rather than acting itself
Typically requires use of some form of "to be"
Often uses more words with reader uninvolved

## Passive Sense: Example

"The spray tank should be filled halfway with water before pesticide is added."

## Active Sense

Subject performs the action
Typically uses fewer and shorter words
Reader visualizes themselves performing the action

## Active Sense: Example

"Fill the spray tank halfway with water before you add pesticide."

## Use Active Sense

Passive: The spray tank should be filled halfway with water before pesticide is added.

Active: Fill the spray tank halfway with water before you add pesticide.

## Use Active Sense

Passive: Nontarget plants can be damaged by drift. (Implies problem is with the nontarget plants.)

## Use Active Sense

Passive: Nontarget plants can be damaged by drift. (Implies problem is with the nontarget plants.)

Active: Drift can damage nontarget plants. (Makes it clear drift is the problem.)

## Use Active Sense: Write Like You Talk

"We'll break for lunch after the next presentation."

Not
"A break for lunch will be taken by us after the next presentation."

## Passive Sense Can Be OK at Times

"You can be fined if you apply pesticides without a license."
vs
"The Department of Agriculture can fine you if you apply pesticides without a license.

|  |  |
| :--- | :--- |
|  | Wordiness |

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\begin{array}{l|l} 
& \\
\hline \text { Wordiness }
\end{array}
$$

$$
x^{2} x x^{2}
$$

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## Wordiness

Select a coarse spray in order to reduce drift.

## Wordiness

Select a coarse spray to reduce drift.

## Wordiness

Select a coarse spray to reduce drift.
The caterpillar is green in color.

## Wordiness

Select a coarse spray to reduce drift.
The caterpillar is green

## Wordiness

Select a coarse spray to reduce drift.
The caterpillar is green color.
Gravid females lay eggs in clusters.

## Wordiness

Select a coarse spray to reduce drift.
The caterpillar is green
Guvales Female lags in clusters.

## Wordiness

Select a coarse spray orde reduce drift.
The caterpillar is green
Females lay eggs in clusters.
Adults are about 1 inch long in length.

## Wordiness

Select a coarse spray to reduce drift.
The caterpillar is green
Gravid Females lay eggs in clusters.
Adults are about 1 inch longin length.

|  |  |
| :--- | :--- |
|  | Punctuation |

## ,

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## ,

Punctuation

## Punctuation

Man's laughter
Manslaughter

## PUNCTUATION



## Terry says this:

"I only drive red cars and trucks."

A


A
B


## Punctuation

Lindane may be used to treat:
--Animals for mange and lice;
--Balsam fir, white pine and spruce Christmas trees grown in plantations for weevils;
--Residential Iandscapes.

## Punctuation

--Balsam fir, white pine and spruce Christmas trees grown in plantations for weevils;

## Punctuation

--Balsam fir, white pine, and spruce Christmas trees grown in plantations for weevils;

## The Oxford Comma

--Balsam fir, white pine, and spruce Christmas trees grown in plantations for weevils;

## The \$5M Oxford Comma

Maine Dairy Drivers Settle Overtime Case That Hinged On An Absent Comma

February 8, 2018 • 10:11 PM ET

Richard Gonzales

## The \$5M Oxford Comma

State law says people performing these duties do NOT get overtime:
"The processing, preserving, marketing, storing, packing for shipment or distribution of perishable foods."

## The \$5M Oxford Comma

Federal court ruled that among the duties that make you ineligible for overtime are:
"The processing, preserving, marketing, storing, packing for shipment or distribution of perishable foods."

## The $\$ 5 \mathrm{M}$ Oxford Comma

Appeals court ruled they DO get overtime because they are NOT involved in this duty:
"The processing, preserving, marketing, storing, packing for shipment or distribution of perishable foods."

## The Oxford Comma

Herbicides, insecticides and fungicides are all pesticides.

## The Oxford Comma

"To my parents, Ayn Rand and God."

## Reasons to Use the Oxford Comma

Prevents ambiguity you might not see
Minimal effort: $1 / 4$ of a second out of your life
Makes your writing more accessible

## More Fun with Commas

The Oxford comma comes after the second-tolast item in a series of three or more items.

But some phrases that look like a series of three or more items may or may not be.

## More Fun with Commas

Fred hired Wilma, a maid and a cook.
Q: How many people did Fred hire?

## More Fun with Commas

Fred hired Wilma, a maid and a cook.
Q: How many people did Fred hire?
A1: 3
A2: 1: Wilma, who is both a maid and a cook

## More Fun with Commas

Fred hired Wilma, a maid, and a cook.
Q: How many people did Fred hire?

## More Fun with Commas

Fred hired Wilma, a maid, and a cook.
Q: How many people did Fred hire?
A1: 3
A2: 2: Wilma, who is a maid, and a cook

## More Fun with Commas (\& em dashes)

How many people did Fred hire?
If 1: Fred hired Wilma-a maid and a cook.
If 2: Fred hired Wilma-a maid-and a cook. If 3: Fred hired a maid, a cook, and Wilma.

## Become a Better Writer

Get a review from your university writing lab
Take short courses on grammar, writing, etc.
Practice good writing

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Every e-mail you write is a chance to practice

## Become a Better Writer



The
Chicago
Manual
of Style
SEVENTEENTH EDITION

