

# Stewardship

## The Elements of a Complex Relationship

Lorne Fitch, P.Biol  
Provincial Riparian Specialist  
Alberta Cows and Fish Program

# Stewardship

The Elements of a  
Complex Relationship

*Or*

“What’s in the Stew?”

Lorne Fitch, P.Biol  
Provincial Riparian Specialist  
Alberta Cows and Fish Program

STEWARDSHIP



Everyone's favourite

Heat & Serve

EXTRA MEATY

PROUDLY  
MADE IN  
ALBERTA

STEW

210Z







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BELOW  
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SOUS LA  
TAILLE



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LEG

JAMBE  
FUSEAU















# Awareness





# Ethic

*"I thought you  
and the other  
robots might  
find this useful"*

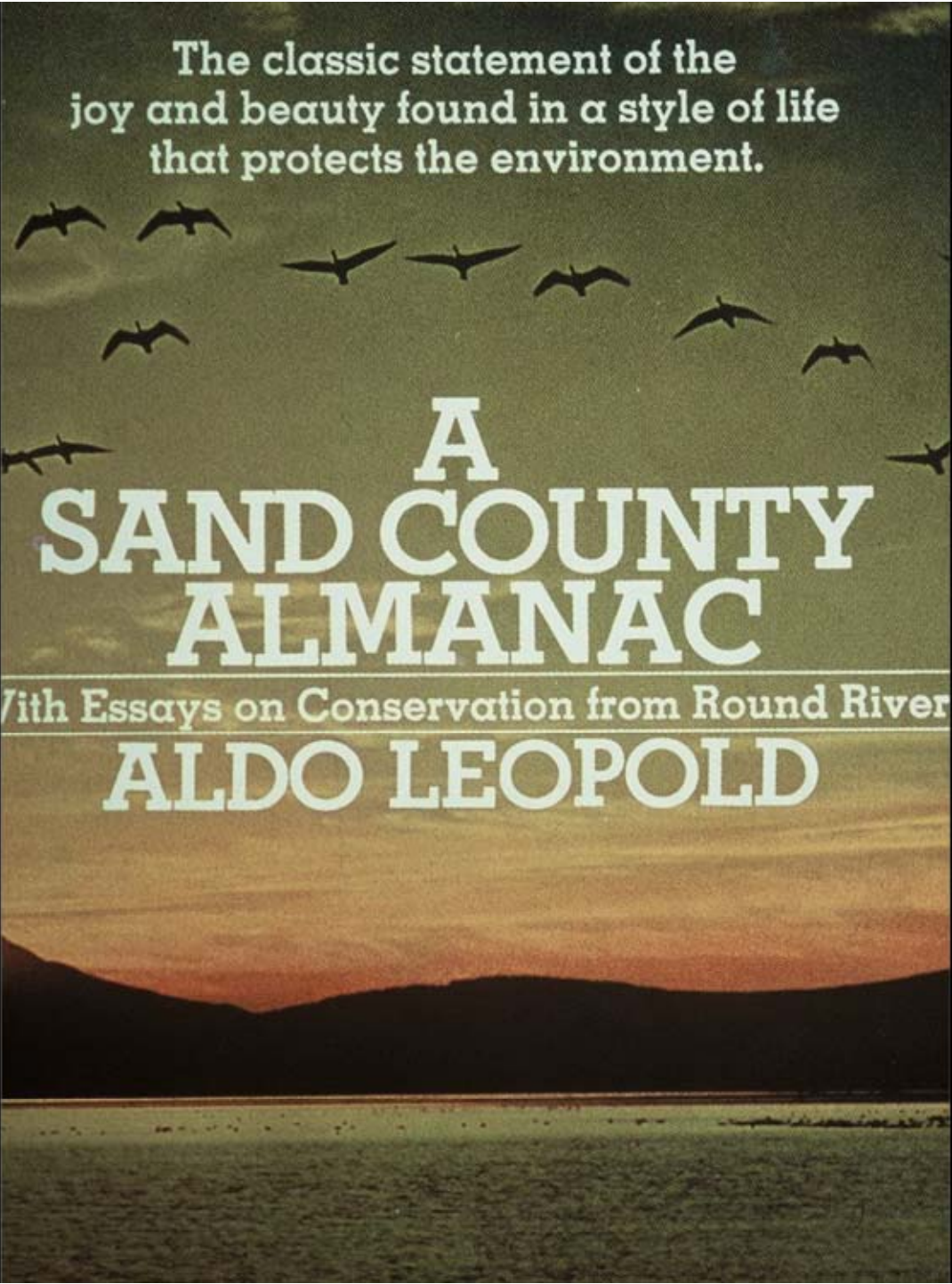




# Action







The classic statement of the  
joy and beauty found in a style of life  
that protects the environment.

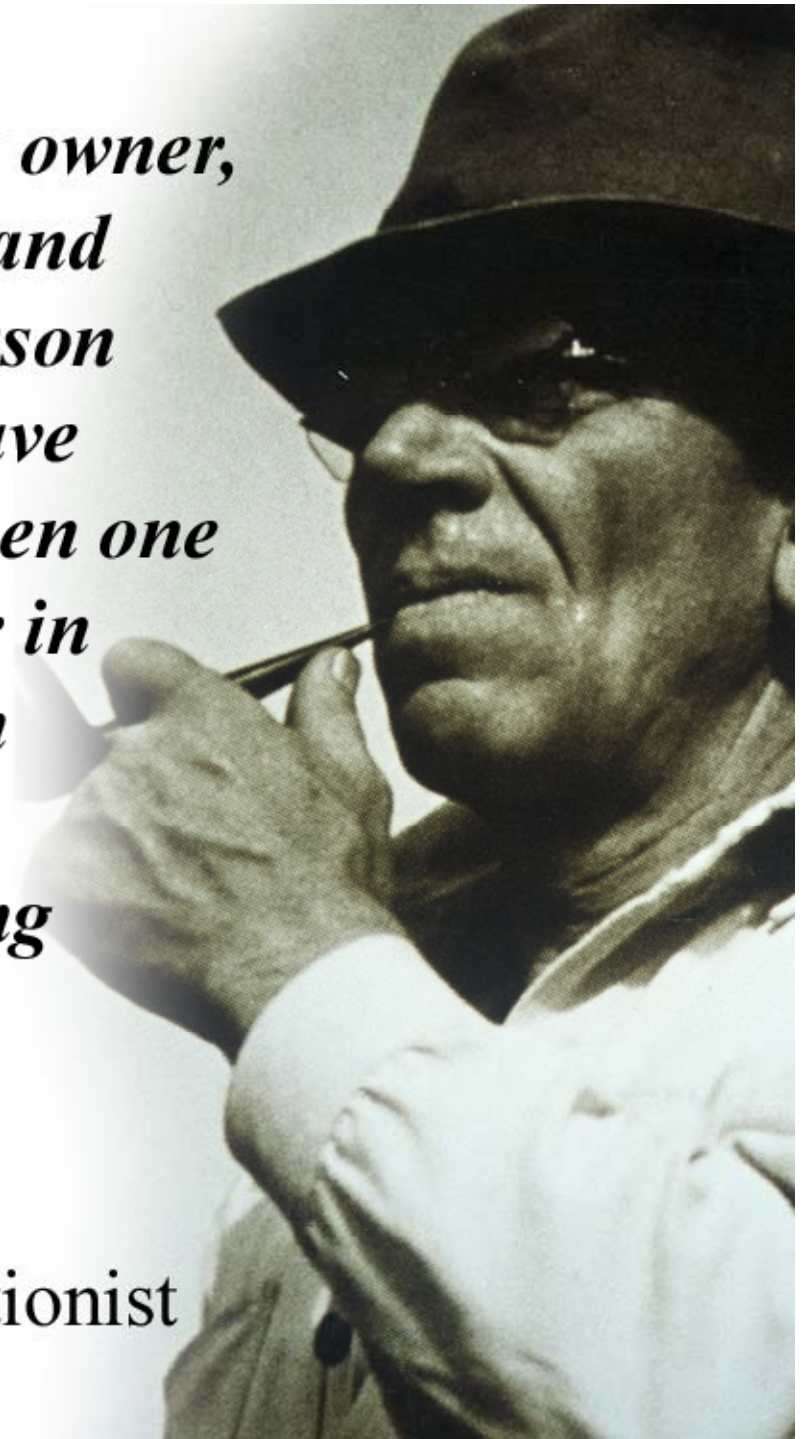
# A SAND COUNTY ALMANAC

With Essays on Conservation from Round River

ALDO LEOPOLD

*"When the land does well for its owner,  
and the owner does well by his land  
- when both end up better by reason  
of their partnership - then we have  
conservation (stewardship). When one  
or the other grows poorer, either in  
substance, or in character, or in  
responsiveness to sun, wind  
and rain, then we have something  
we do not like."*

1939: The Farmer as a Conservationist

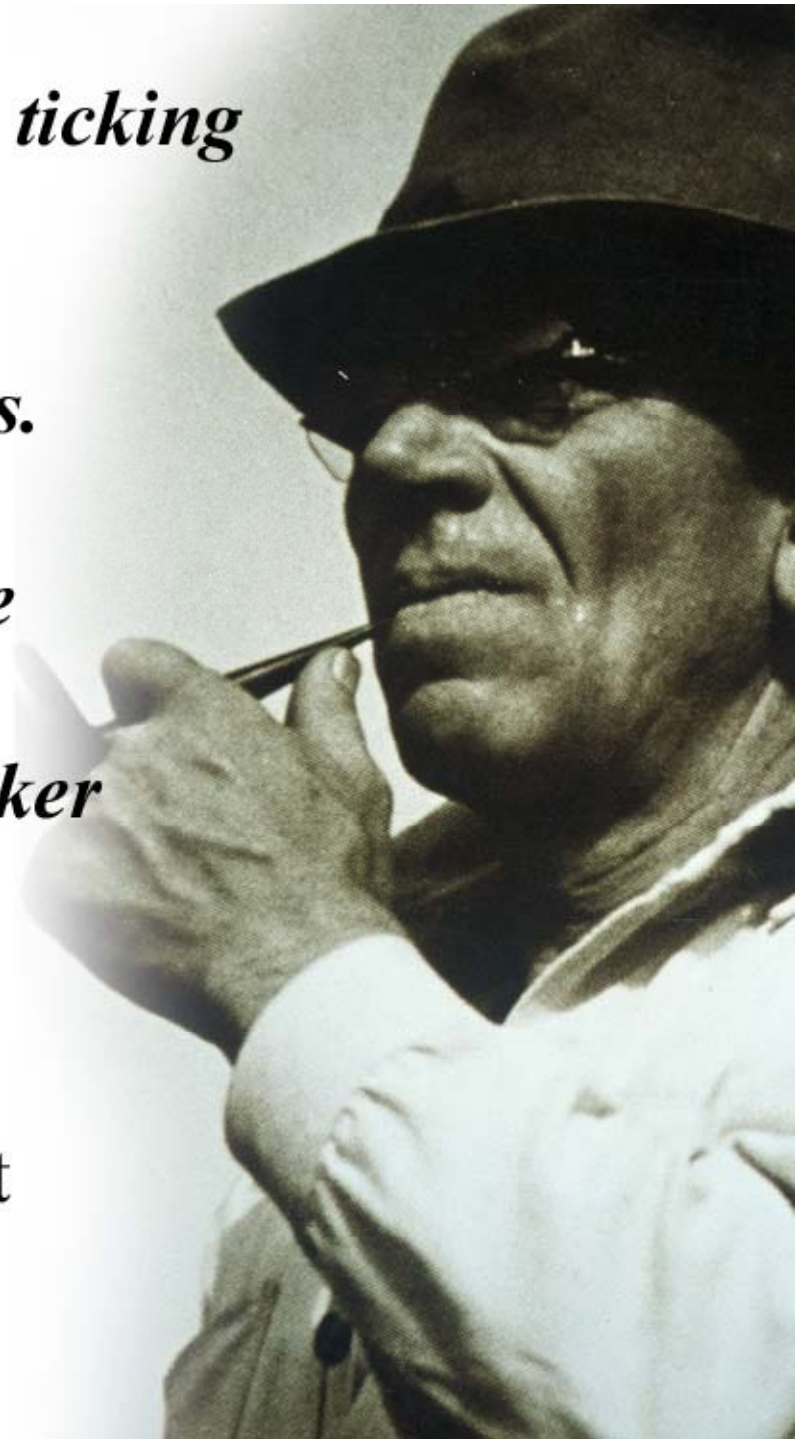




*"The biotic clock may continue ticking  
if we:*

- 1. Cease throwing away its parts.*
- 2. Handle it gently.*
- 3. Recognize that its importance  
transcends economics.*
- 4. Don't let too many people tinker  
with it."*

1946: The Land Health Concept  
and Conservation



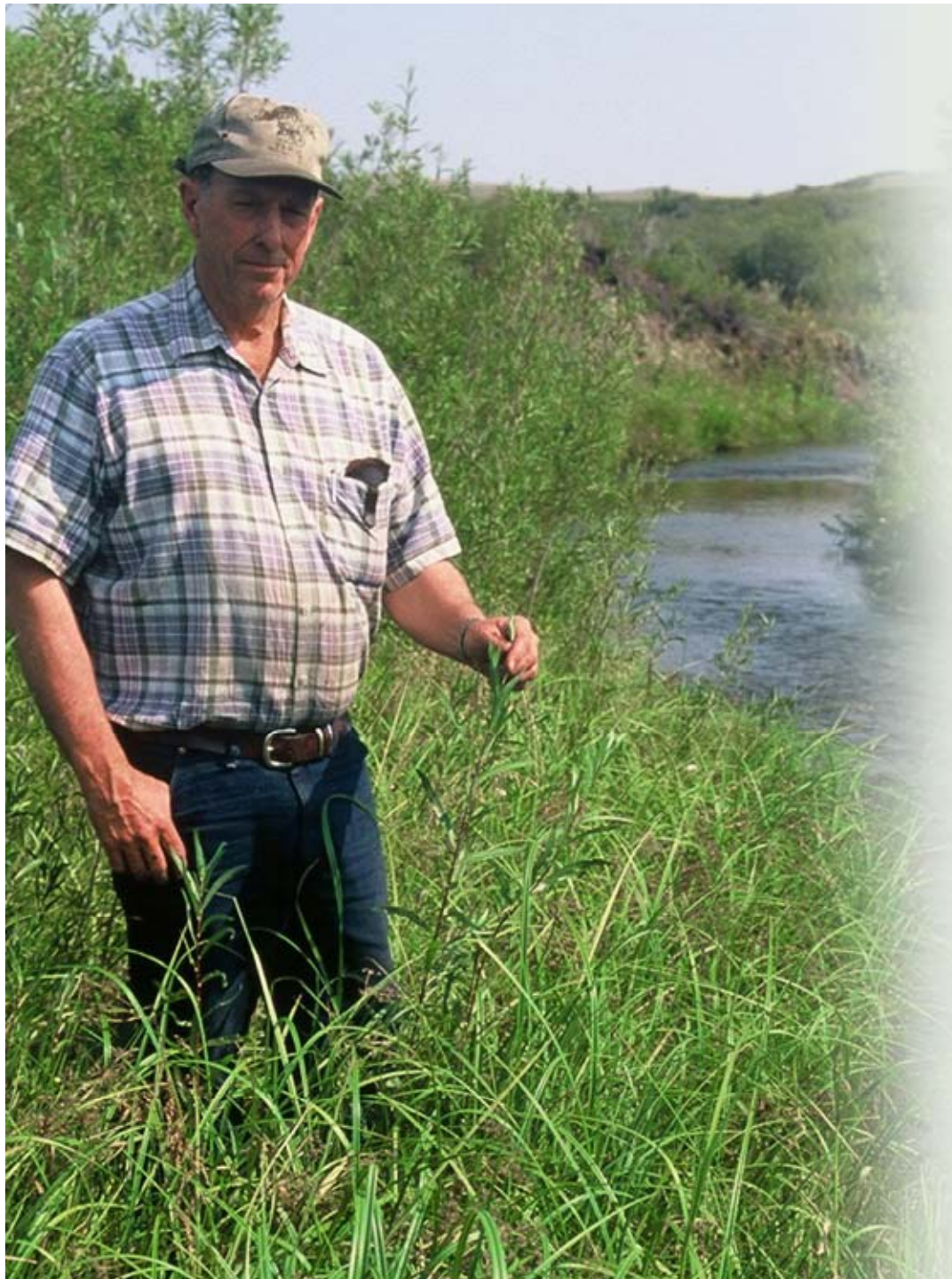












*"If the land  
isn't healthy,  
neither my family,  
or the ranch  
will be."*

Francis Gardner

















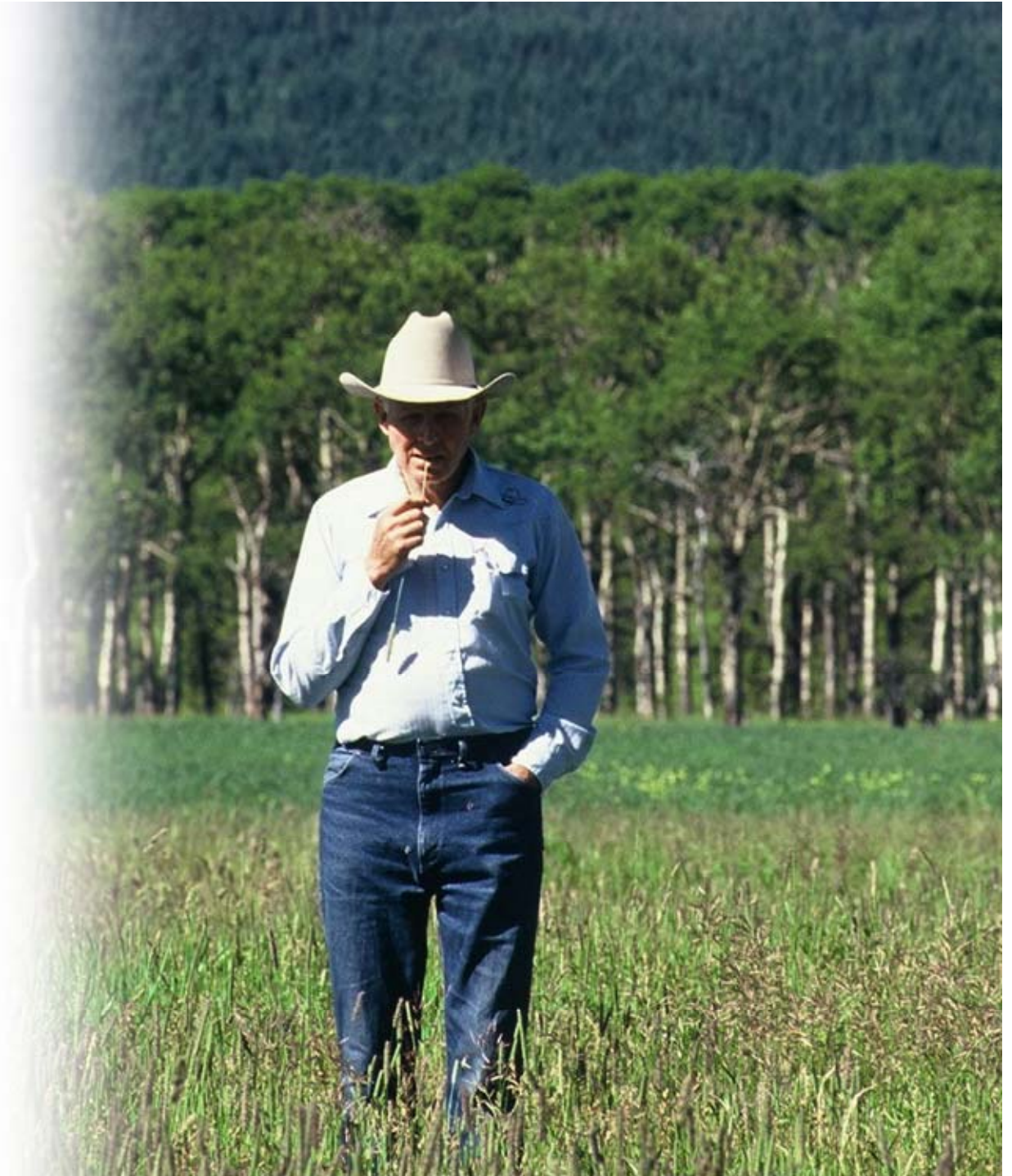






*"My goal is to  
leave this ranch  
better than I  
found it."*

Hilton Pharis













































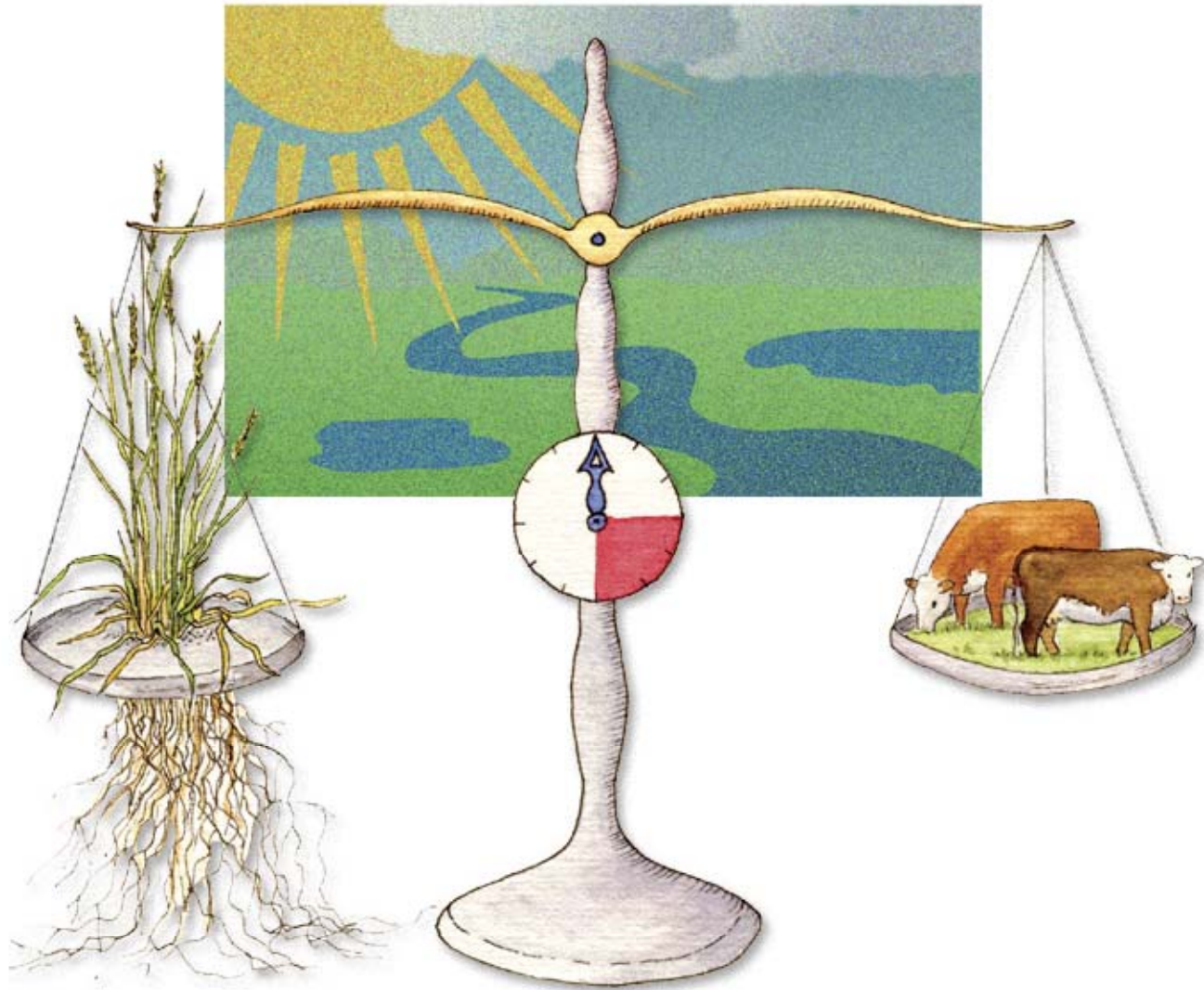
A composite image featuring three men in a grassy field. On the left, a man in a plaid shirt and cap stands in tall grass. On the right, a man in a cowboy hat and blue shirt stands with his hand to his chin. In the foreground, a person in a blue vest sits on a brown and white spotted horse. A large, vibrant pink flower with a yellow center is overlaid in the upper center. The text "Stewardship in Alberta" is written in white serif font across the middle.

# Stewardship *in Alberta*



















We need fertile  
ground on which  
stewardship  
can grow



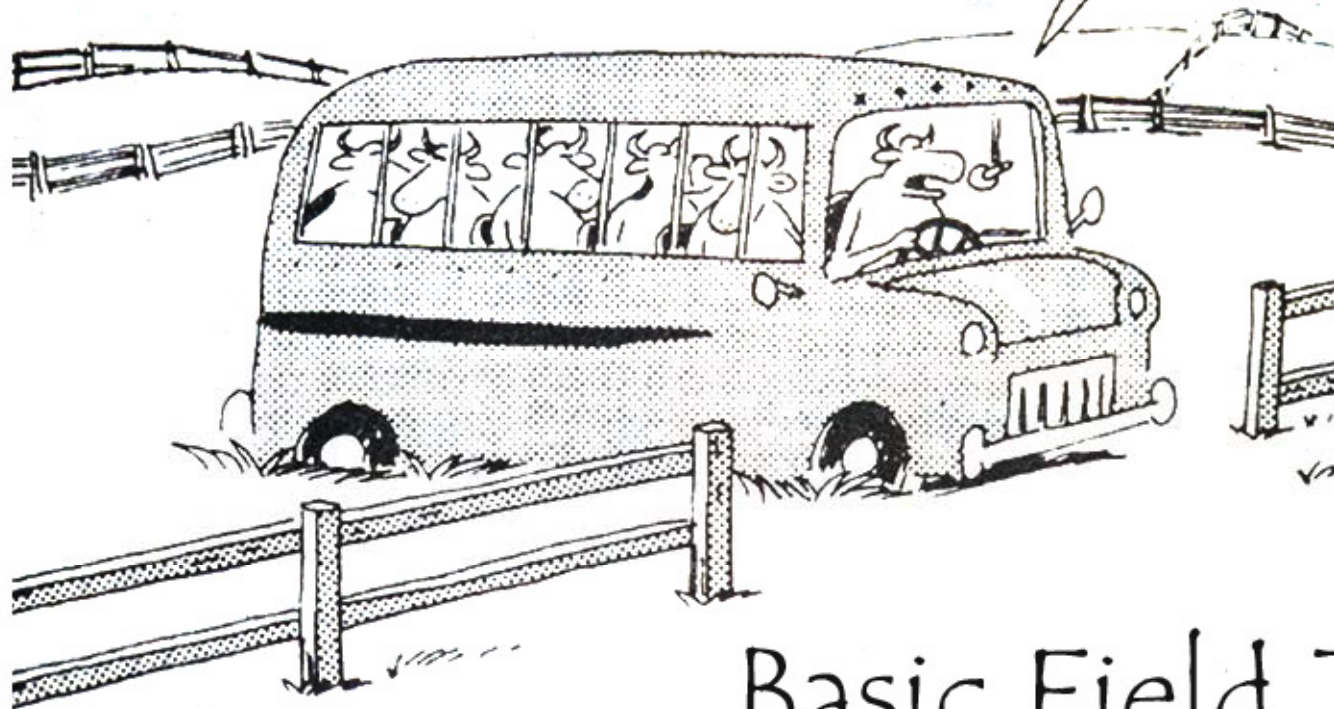






# THE FAR SIDE

Now we're coming into the north pasture... It may look like dried stubble now, but next spring this will all be green and lush.



Basic Field Trips

Zaner









When you start  
*plowing the stewardship  
field, you'll recognize it's too  
big for you.*





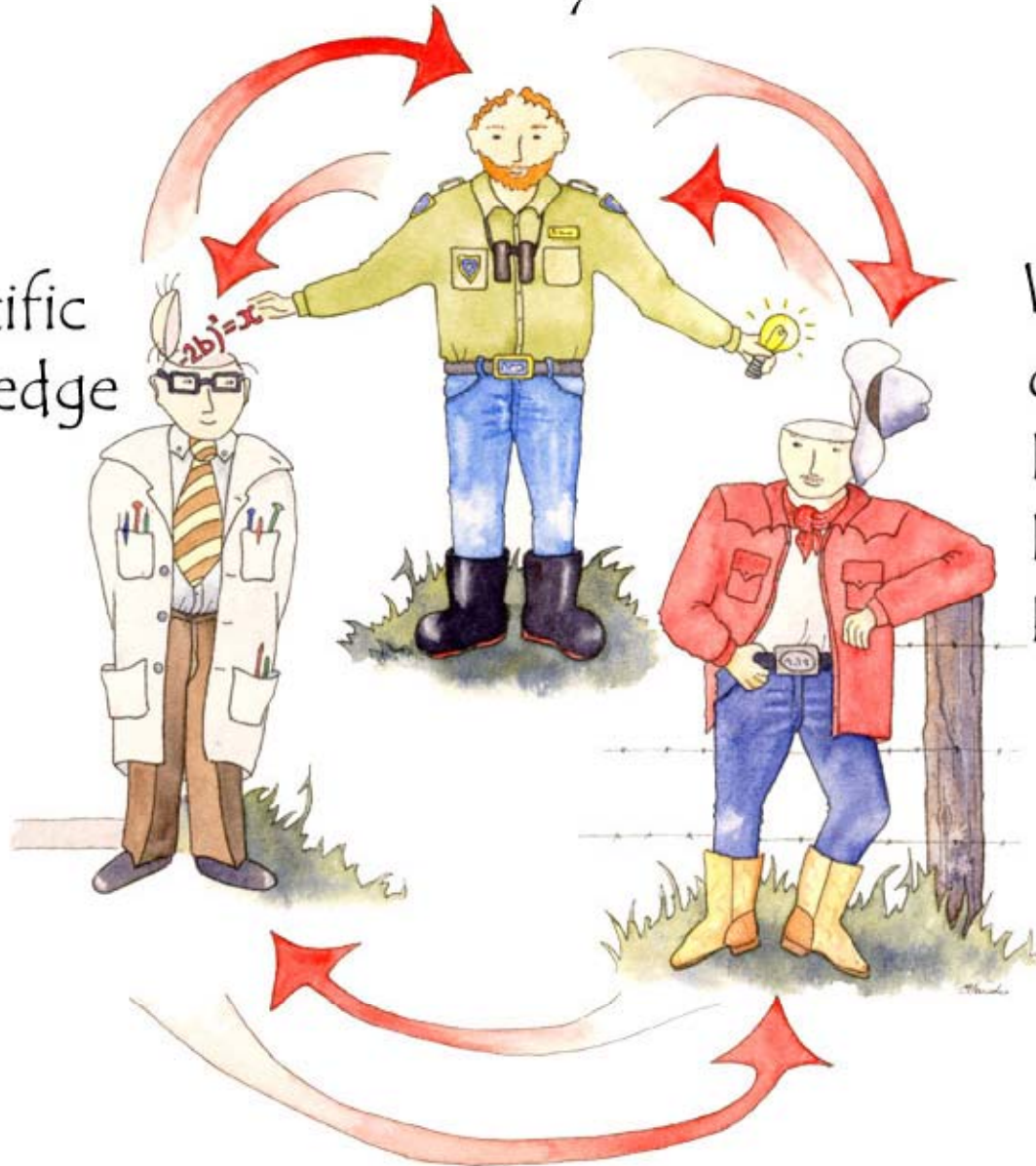






# Tools for Tuning the Eye

Scientific  
Knowledge



Wisdom  
of the  
Land &  
Livestock  
Production



**Tears and sweat make  
stewardship grow - what can  
we do to make it easier?**



"But we'll get our sandals all muddy."



ND PIZZAS

# Stewardship

monds,  
s, and  
ed rosemary  
ake this chewy  
flatbread as  
visually appealing  
as it is delicious.

Pictured on  
page 88.

**1½-pound**  
(12 wedges)

## Ingredients

**2-pound**  
(18 wedges)

¾ cup

water

1 cup

¼ cup

cooking oil

⅓ cup

3 cups

bread flour

4 cups

¾ teaspoon

salt

1 teaspoon

1 teaspoon

active dry yeast or  
bread machine yeast

1¼ teaspoons

⅓ cup

coarsely chopped almonds

½ cup

¼ cup

coarsely snipped dried figs

⅓ cup

2 teaspoons

snipped fresh rosemary\*

2½ teaspoons

melted margarine or butter  
(optional)

## NUTRITION FACTS PER WEDGE

		Daily values
Calories	194	20%
Total fat	7 g	10%
Sat. fat	1 g	4%
Cholesterol	0 mg	0%
Sodium	137 mg	5%
Carbo.	28 g	9%
Fiber	2 g	7%
Protein	5 g	

Select the recipe size. Add all of the ingredients except the melted margarine or butter to the machine according to the manufacturer's directions. Select the dough cycle. When the cycle is complete, remove dough from machine. Punch down. Cover and let rest for 10 minutes.

Grease an 11- or 12-inch pizza pan. (For the 2-pound recipe, grease a 13- or 14-inch pizza pan.) Place dough on prepared pan. Using the

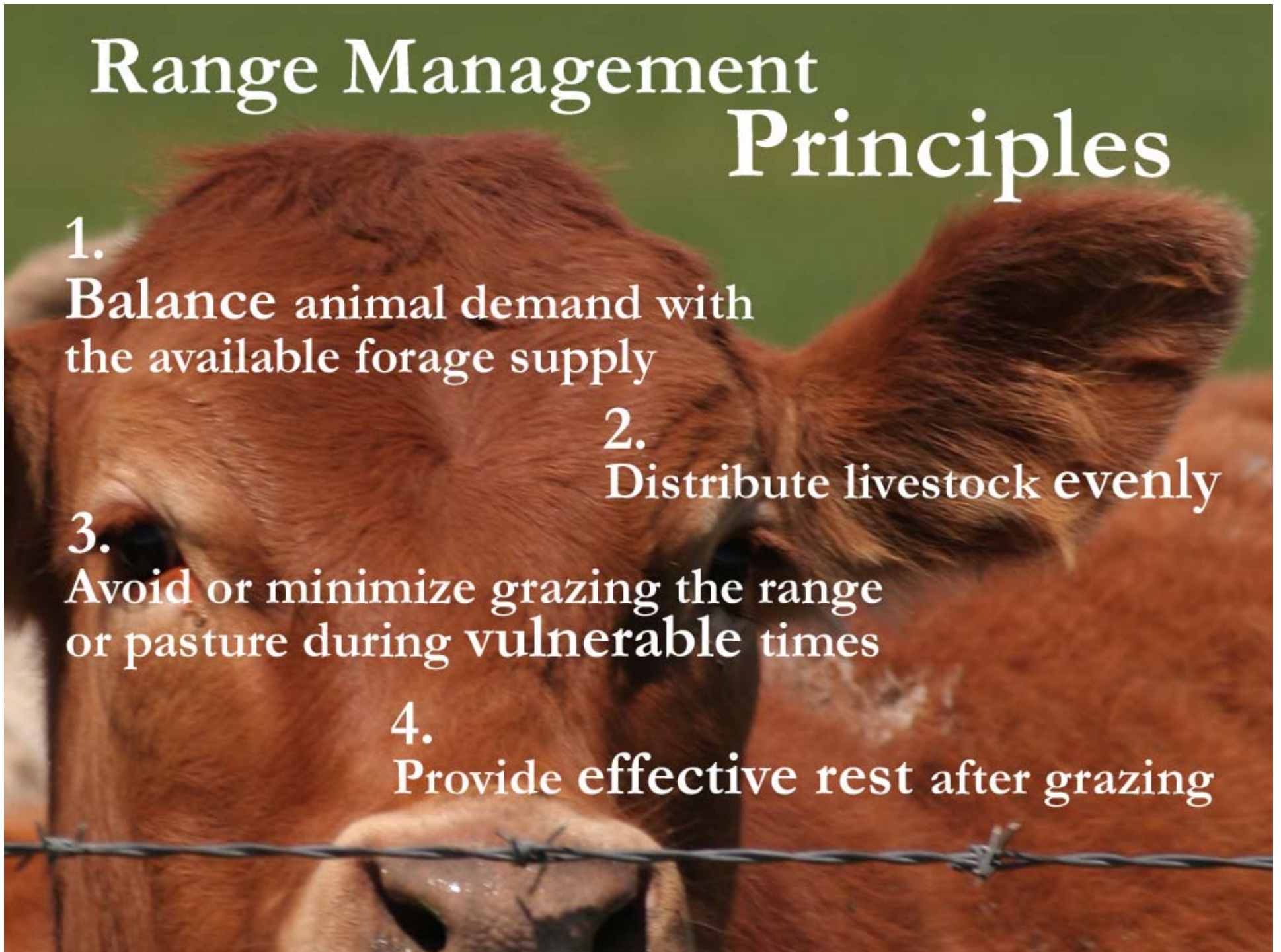
fingertips, poke the dough all over to dimple the surface. Cover loosely; let rise in a warm place 30 minutes. Bake in a 400° oven for about 20 minutes or until edge is golden brown. If desired, brush with melted margarine or butter. Serve warm or cool, cut into wedges.

**\*Note:** If you can't find fresh rosemary, use ¾ teaspoon dried rosemary, crushed, for the 1½-pound recipe or 1 tea-



# Range Management Principles

1. Balance animal demand with the available forage supply
2. Distribute livestock evenly
3. Avoid or minimize grazing the range or pasture during vulnerable times
4. Provide effective rest after grazing



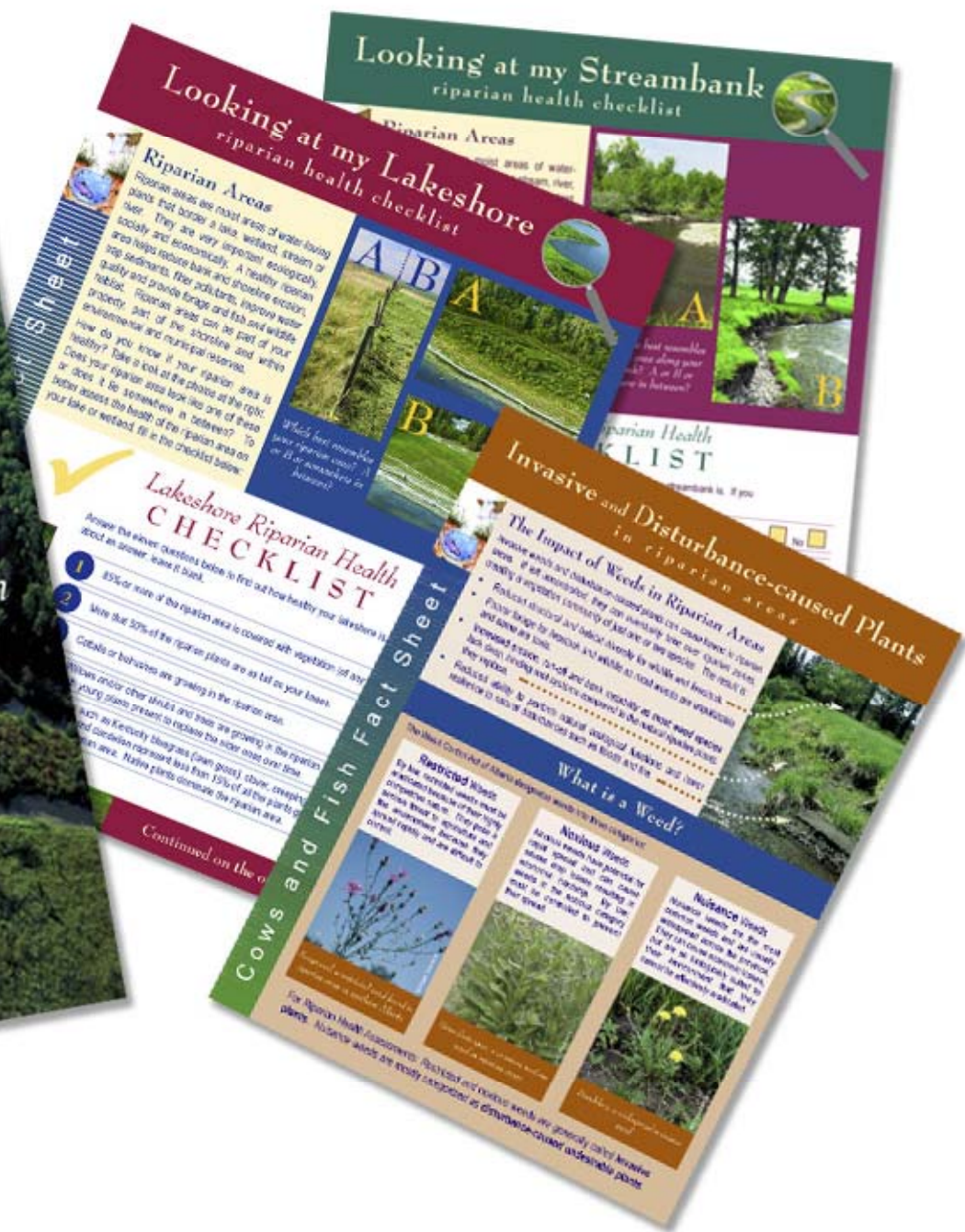
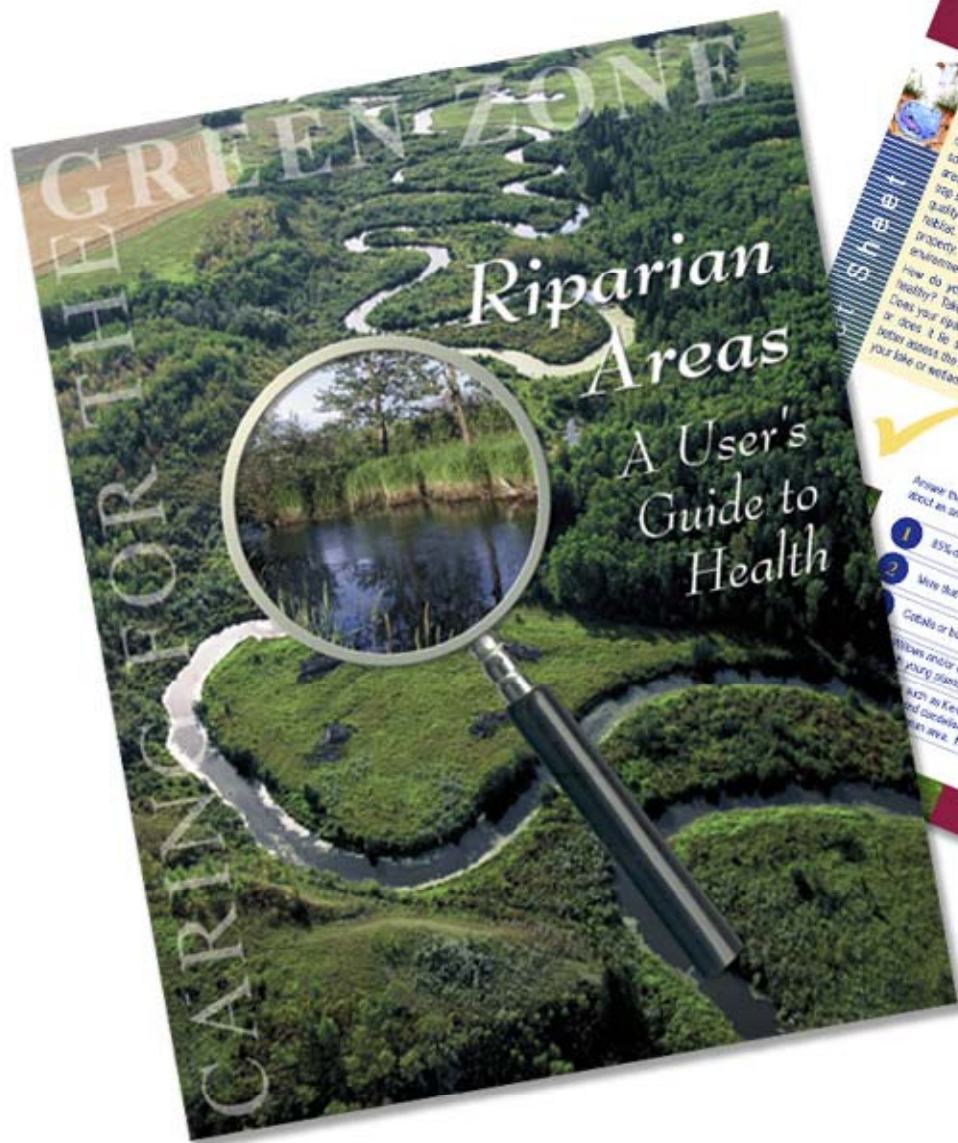














How's the neighbour's  
stewardship crop doing?









not chance,

determines

by

### Beaver Creek Is a Unique

- Approximately 22 miles long
- Drops in elevation from 5600ft to
- Helps to sustain near 25 ranches, dwellings
- Provides for many recreational activities
- Recently is becoming home for new





Was this the right  
crop choice?





PATH OF NO RETURN

©1994 by King Features Syndicate

PATH OF LEAST RESISTANCE

GUESS!

CHRIS  
BROWNE  
3-21

















Do we have to pay for  
stewardship.... ?





Do we have to pay for  
stewardship.... ?

...or does stewardship  
pay for itself?







## Wildlife Trust Habitat Area



IN HONOR OF THE PIONEERS, RESIDENTS, TEACHERS  
AND PUPILS OF THE KUUSAMO SCHOOL 1911 TILL 1952

DONATED BY ERNEST & ENA KINNA

TO PRESERVE ALBERTA'S WILDLIFE FOR OUR  
FUTURE GENERATIONS.

- HELD IN TRUST BY the alberta fish & game association
- MANAGED BY THE SYLVAN LAKE FISH & GAME ASSOCIATION

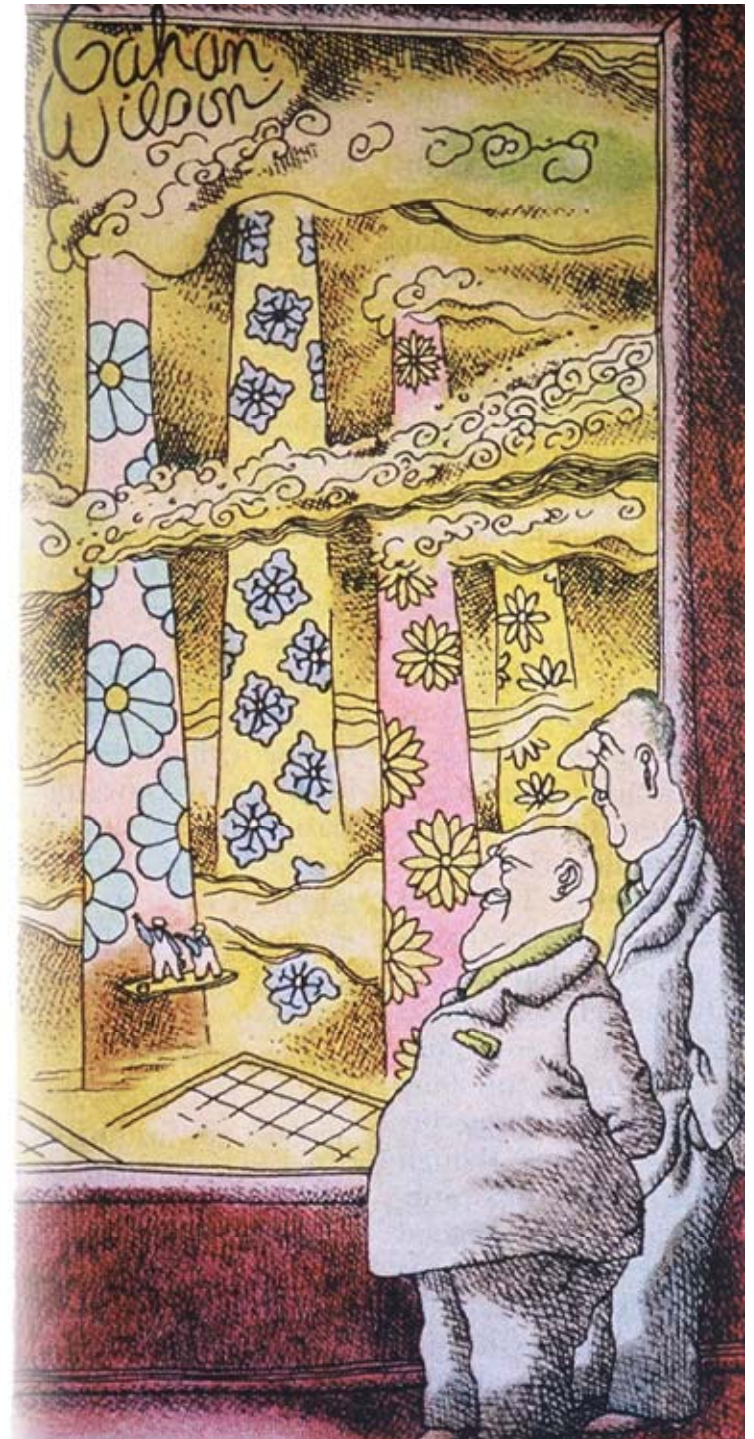






**What about those  
other neighbours?**

"It probably isn't going to  
pacify them, Chief"





# USE Respect



THIS IS PRIVATE LAND  
OWNED BY the

**EASTERN IRRIGATION DISTRICT**

*Please be an 'Ethical Sportsman'*

**BROOKS & DISTRICT  
FISH & GAME ASSOC.**

DONATED by  
**COUNTRY Lodge**

**PRIVATE PROPERTY**

**NO CAMPING**

NO ATVs or Motor Bikes  
Vehicles MUST stay on  
established roads.

810 363-4000

ENCANA



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100/12-01-018-15W4/0

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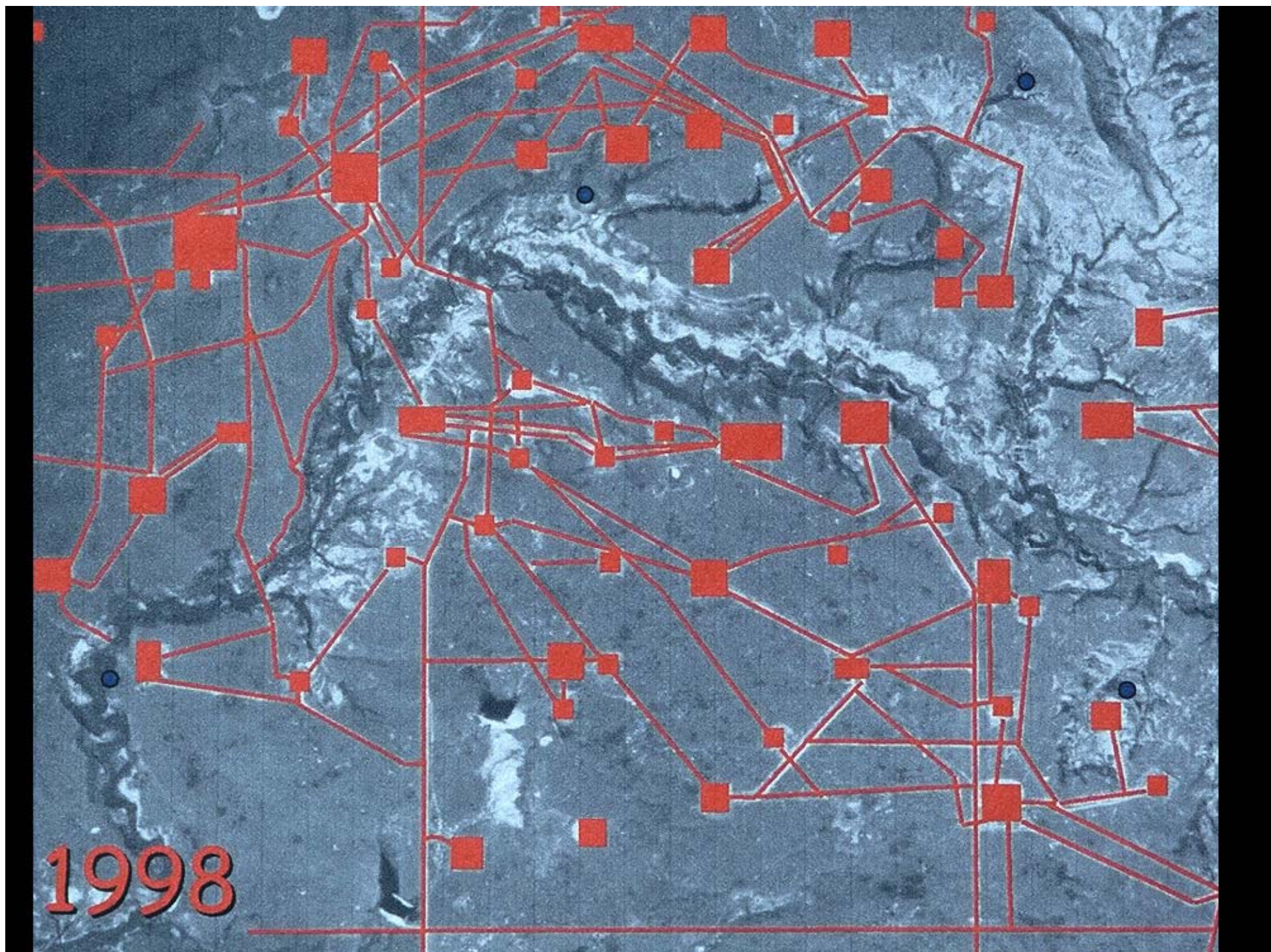
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**STEWARDSHIP**





A young boy wearing a light-colored cowboy hat, a dark blue jacket, and blue jeans stands on a grassy bank, looking down at a river. The background shows a calm river flowing through a lush, green landscape with trees and bushes. The lighting suggests it might be late afternoon or early morning, with a warm glow on the boy's face and the surrounding vegetation.

*"Two of the most important gifts  
we can give our children are the  
ability to use information to  
make wise decisions and  
a quality environment  
in which there are still  
choices to be made."*

Pat Graham



**DIET** LOSE UP TO  
**30 LBS.**

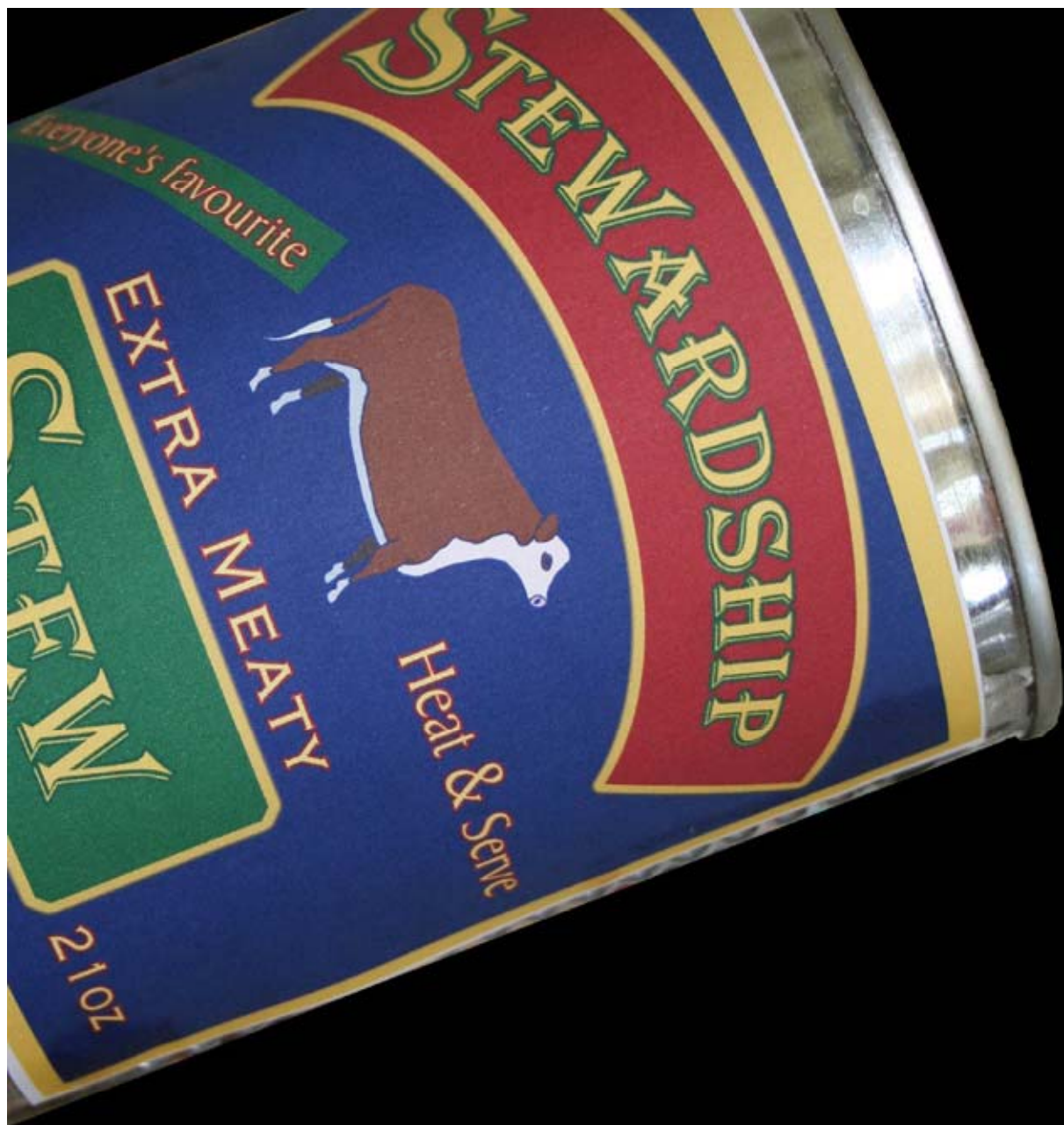
**30 DAY**

PROGRAMS STARTING AT:

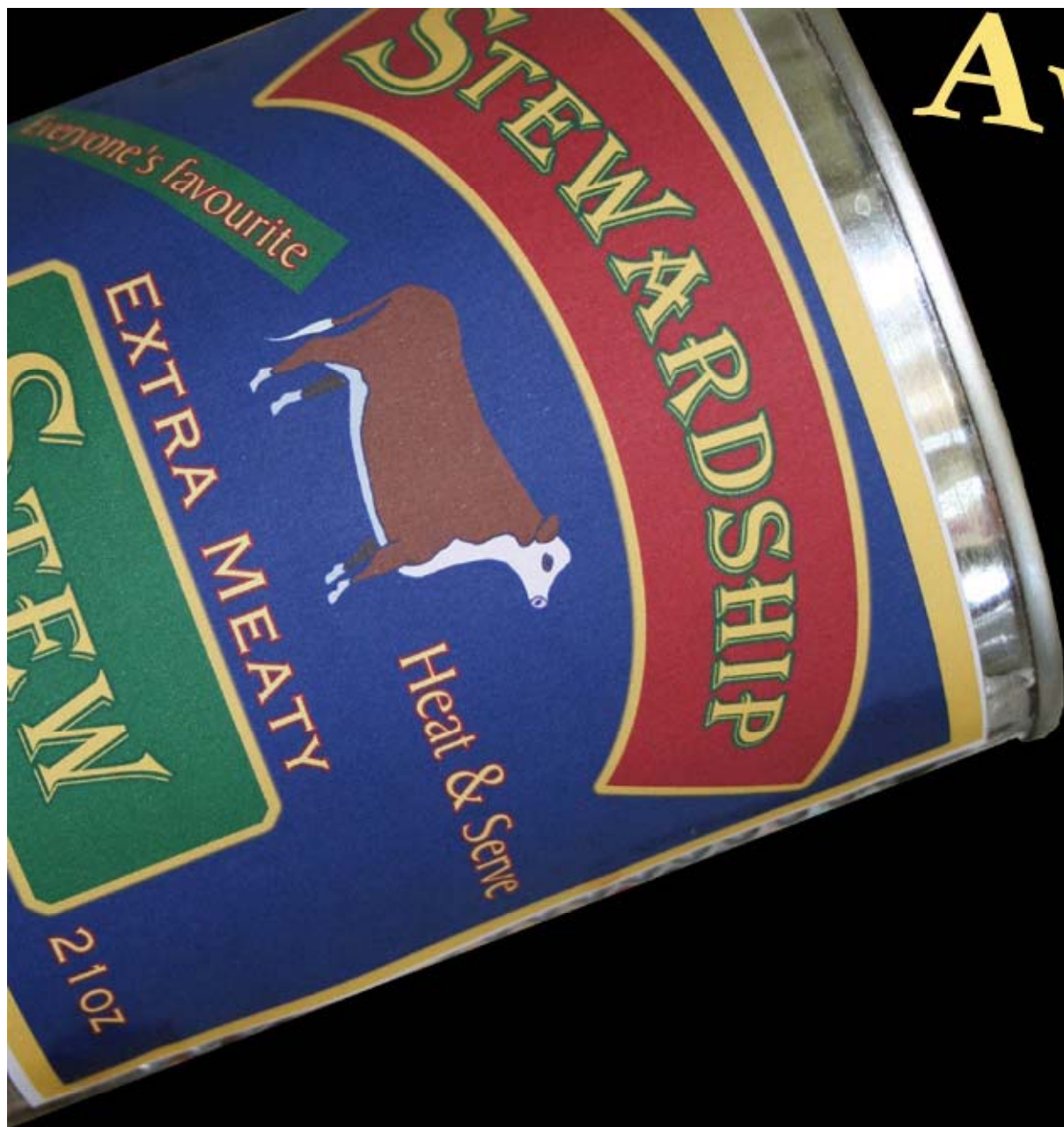
**\$30 MAGIC!**

**739-2500**



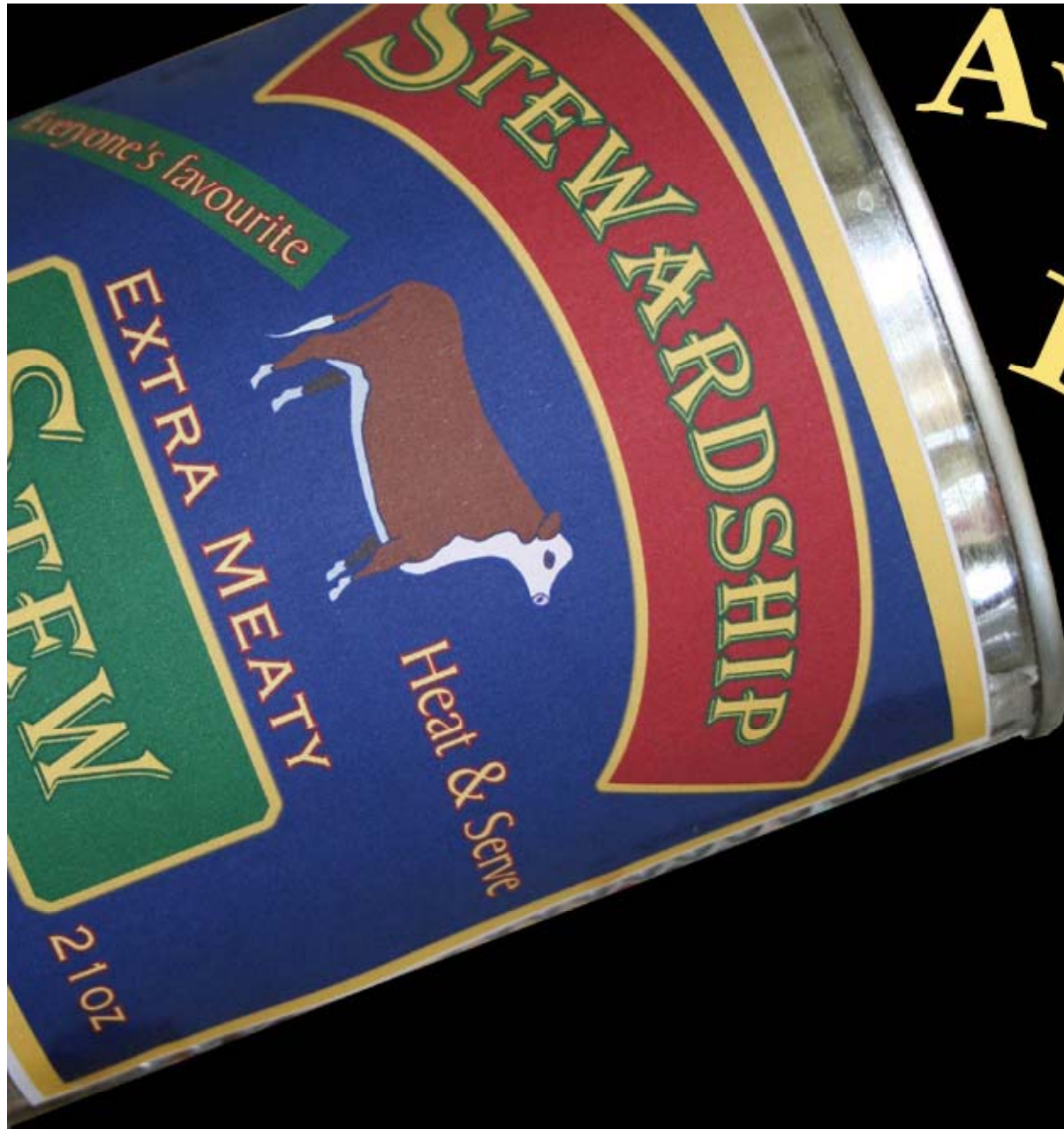






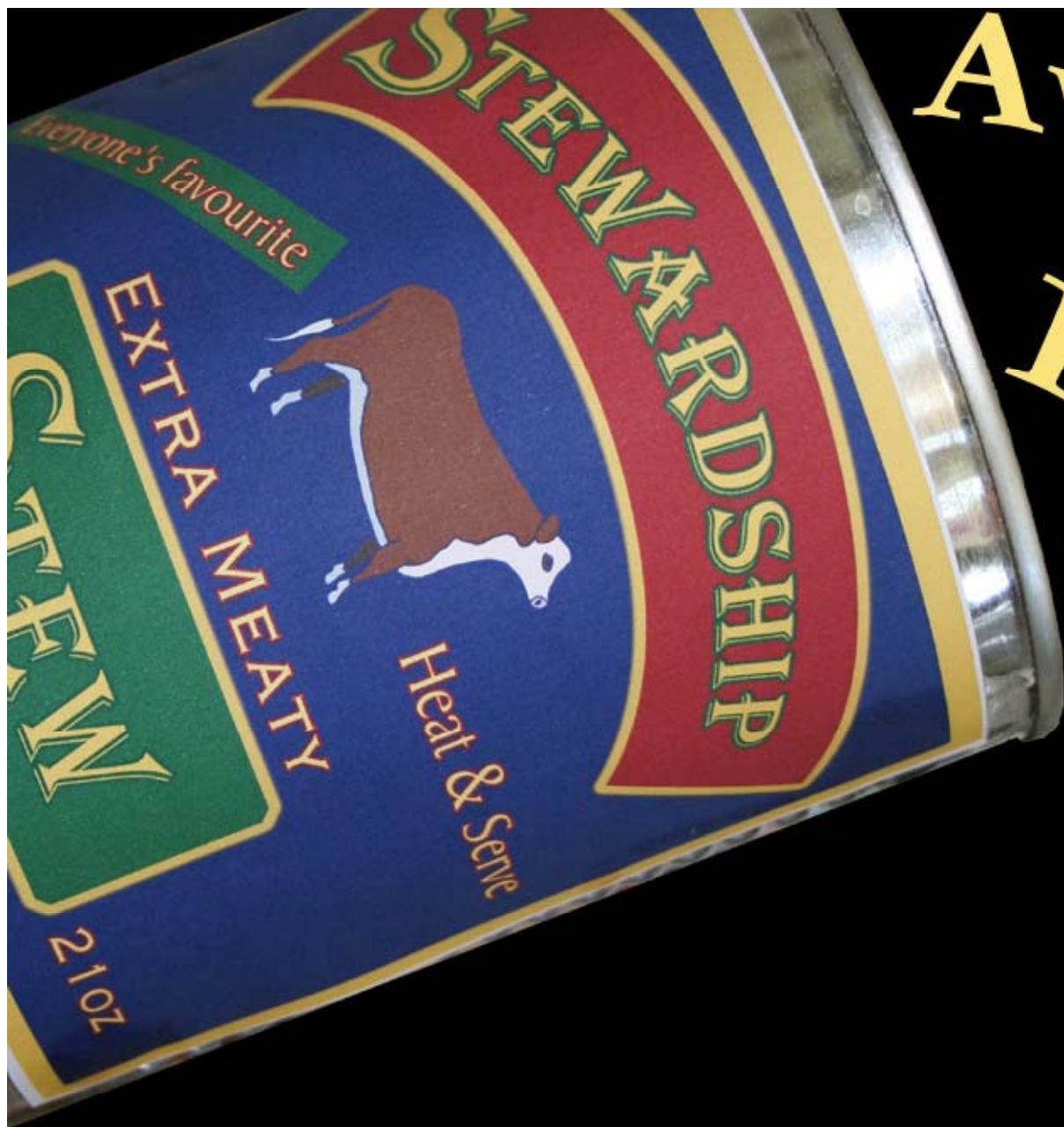
Awareness





# Awareness Ethics





Awareness  
Ethics  
Action



